

Filter

App Engine

Choose a language

Choose an environment

Standard environment

About the standard environment

Compare standard environment runtimes

Legacy runtimes

Flexible environment

About the flexible environment

Compare the flexible environment to standard

Notice: Over the next few months, we're reorganizing the App Engine documentation site to make it easier to find content and better align with the rest of Google Cloud products. The same content will be available, but the navigation will now match the rest of the Cloud products. If you have feedback or questions as you navigate the site, click Send Feedback.

App Engine > Documentation

Was this helpful? [thumbs up/down]

App Engine documentation

Send feedback

App Engine is a fully managed, serverless platform for developing and hosting web applications at scale. You can choose from several popular languages, libraries, and frameworks to develop your apps, and then let App Engine take care of provisioning servers and scaling your app instances based on demand.

Pick a language to learn more.

Go View docs	PHP View docs	Java View docs
Python View docs	Node.js View docs	Ruby View docs
.NET View docs	More languages View custom runtime docs	

Try it for yourself

If you're new to Google Cloud, create an account to evaluate how App Engine performs in real-world scenarios. New customers also get \$300 in free credits to run, test, and deploy workloads.

Try App Engine free

Was this helpful?

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Welcome to App Engine

Build scalable apps in any language on Google's infrastructure

[CREATE APPLICATION](#)

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See the latest announcements from Google Cloud Next. [Watch now](#)

(https://cloud.withgoogle.com/next?utm_source=cgc-site&utm_medium=et&utm_campaign=FY22-Q3-cgc-next22&utm_content=cgc-next22-banner&utm_term=-)

[JUMP TO \(#\)](#)

App Engine

Build monolithic server-side rendered websites. App Engine supports popular development languages with a range of developer tools.

New customers get \$300 in free credits to spend on App Engine. All customers get 28 instances in standard environment free per day, not charged against your credits.

[Try App Engine free](https://console.cloud.google.com/freetrial) (<https://console.cloud.google.com/freetrial>)

[Contact sales](https://cloud.google.com/contact) (<https://cloud.google.com/contact>)

- ✓ Free up your developers with zero server management and zero configuration deployments
- ✓ Stay agile with support for popular development languages and a range of developer tools
- ✓ Explore more products in our [serverless](https://cloud.google.com/serverless) (<https://cloud.google.com/serverless>) portfolio

KEY FEATURES

Key features

Popular programming languages

Build your application in Node.js, Java, Ruby, C#, Go, Python, or PHP.

Fully managed

A fully managed environment lets you focus on code while App Engine manages infrastructure concerns.

DOCUMENTATION

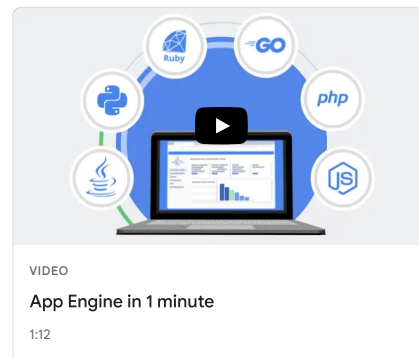
Documentation

GOOGLE CLOUD BASICS

Choosing the right App Engine environment

Learn how to run your applications in App Engine using the flexible environment, standard environment, or both.

[Learn more](/appengine/docs/the-appengine-environments) (/appengine/docs/the-appengine-environments)



(https://www.youtube.com/watch?v=Xuf3J6SKVV0&list=PLlivdWY5sqIQ4_5PwyyXZVdsXr3wYhip&index=3&t=1s)

GOOGLE CLOUD BASICS**App Engine standard environment**

See how the App Engine standard environment makes it easy to build and deploy an application that runs reliably even under heavy load and with large amounts of data.

[Learn more \(/appengine/docs/standard\)](/appengine/docs/standard)

GOOGLE CLOUD BASICS**App Engine flexible environment**

Find out how App Engine allows developers to focus on what they do best: writing code.

[Learn more \(/appengine/docs/flexible\)](/appengine/docs/flexible)

PATTERN**Looking for other serverless products?**

If your desired runtime is not supported by App Engine, take a look at [Cloud Run](https://cloud.google.com/run).
(<https://cloud.google.com/run>)

[Learn more \(https://cloud.google.com/serverless\)](https://cloud.google.com/serverless)

Not seeing what you're looking for?

[View all product documentation \(/appengine/docs\)](/appengine/docs)

ALL FEATURES

All features

Popular languages	Build your application in Node.js, Java, Ruby, C#, Go, Python, or PHP.
Fully managed	A fully managed environment lets you focus on code while App Engine manages infrastructure concerns.
Powerful application diagnostics	Use Cloud Monitoring and Cloud Logging to monitor the health and performance of your app and Cloud Debugger and Error Reporting to diagnose and fix bugs quickly.
Application versioning	Easily host different versions of your app, and easily create development, test, staging, and production environments.
Application security	Help safeguard your application by defining access rules with App Engine firewall and leverage managed SSL/TLS certificates by default on your custom domain at no additional cost.
Services ecosystem	Tap a growing ecosystem of Google Cloud services from your app including an excellent suite of cloud developer tools.

PRICING

Pricing

App Engine has competitive cloud pricing that scales with your app's usage. There are a few basic components you will see in the App Engine billing model such as standard environment instances, flexible environment instances, and App Engine APIs and services. To get an estimate of your bill, please refer to our [pricing calculator](#) (/products/calculator#tab=app-engine).

App Engine runs as instances within either the standard environment or the flexible environment.

[View pricing details](#) (/appengine/pricing)

Take the next step

Start building on Google Cloud with \$300 in free credits and 20+ always free products.

[Try App Engine free](https://console.cloud.google.com/freetrial) (https://console.cloud.google.com/freetrial)

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